



Re: Pineview Estates - monitoring

Aaron Setran to: David Wallis

10/26/2009 08:54 AM

	Aaron Setran	OK. Thanks, A Aaron Carr Setran U.S. EPA, Water Division
	Aaron Setran	OK. Thanks, A Aaron Carr Setran U.S. EPA, Water Division

OK. Thanks, A

Aaron Carr Setran
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"David Wallis" ---10/24/2009 06:49:09 AM---Aaron,

"David Wallis" <DWallis@rcac.org>

10/24/2009 06:48 AM

To

Aaron Setran/R9/USEPA/US@EPA

cc

Subject

Pineview Estates - monitoring

Aaron,

After looking at the lab results again.

I would recommend that they also monitor for ammonia on both the influent into the treatment units and the effluent leaving the treatment units.

We currently see that theirs little or no nitrate "<1 mg/L" on the influent as well as the effluent.

We wouldn't anticipate seeing any nitrate on the influent

What we would see on the influent would be ammonia. Which should be converted to nitrate via the nitrification and then if denitrification is occurring

Removal of the nitrate.

I don't believe were seeing much change in the TKN values entering and leaving the treatment units

There in fact may not be any nitrification occurring in the treatment units and there getting ammonia pass through in the effluent - incomplete treatment

Testing for ammonia would verify this.

Once again, I'd say there some extremely questionable results coming out of the lab there currently using

I'll try giving you a call on Monday as I'm not going to be able to make the UIC call on Tuesday

Dave

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